SAF-B00-004 Industrial Hygiene Sampling – Airborne FINAL DATA

E:MAIL RESULTS TO	E:M	AIL	RES	${ m UL}$	TS	TC):
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Denise Pitts

N/A INITIAL/DATE

COMPLETE COPY OF DATA PACKAGE TO:

Denise Pitts

X2-09

DITTAL/DATE

COMMENTS: (PLEASE INCLUDE THE FOLLOWING ON THE FAX COVER SHEET)

SDG

20040440

SAF-B00-004

Rad only

X Chem only

Rad & Chem

X Complete

Partial



WSCF ANALYTICAL LABORATORY REPORT

Asbestos - Fiber Count

for

Bechtel Hanford, Inc.

MSIN: H9-02

Richland, WA 99352

Attention: J. Kessner MSIN: H9-02

CC: H. Ruby CC: D. Pilts

Survey ID

J016K8-9, L0-L2

Data Validator

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Group#: 20040440 Report Date 12-apr-2004

w 0007/rev.6.3

Fluor Hanford, Inc. MSIN: S3-28

Richland, WA 99352

Phone 373-7403

WSCF ANALYTICAL LABORATORY REPORT

A	ttention:	J. Kessner M	ISIN: H9-0	02	Bechtel 1	Hanford, Inc	.			Grou	ıp#: 2	0040440
Sample #	Client ID	Test Performed	Matrix	Reported Air Vol.(L)	Fibers/ RG Field	RG Result	Units	RDL	Analyst	Sampled	Received	Analyzed
W04I001431	J016K8	Airberne Fiber Conc	. FILTER	N/A	< RDL	BLANK	fibers/cm3	3 fibers	mkg	03/16/04	03/17/04	03/17/04
W041001432	J016K9	Airborne Fiber Conc	: FILTER	N/A	< RDL	BLANK	fibers/am3	3 fibers	mkg	03/16/04	03/17/04	03/17/04
W04I001433	J016L0	Altbarne Fiber Conc	FILTER	716	0.19	0.01	fibers/cm3	3 fibers	mkg	03/16/04	03/17/04	03/17/04
W04I001434	J016L1	Airborne Fiber Conc	i. FILTER	793	0.17	0.01	fibers/am3	3 fibers	mkg	03/16/04	03/17/04	03/17/04
W04I001436	J016L2	Airboms Fiber Cone). FILTER	671	0.10	< 0.01	fibers/cm3	3 fibers	mkg	03/16/04	03/17/04	03/17/04

RDL=Reporting Detection Limit RG = Result Range

Fibers/Field

The quality control data for calender year 2004 is as follows:

1.00 < = 0.03>0.03 - 0.20 0.26 >0.20 - 0.50 0.20 >0.50 - 1.0 0.17 >1.0 0.14

Sr value

Method LA-519-402 which was used is based on the approved NIOSH Analytical Method 7400, Rev. 4, Aug 1994. The method does not distinguish between asbestos and non-asbestos fibers but uses 400-power phase contrast microscopy to count all particles with an overall length exceeding 5 microns and a length-to-width ratio of 3:1 or greater.

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^{* -} Indicates results that have NOT been validated. w 0007/rev.6.3

WSCF ANALYTICAL COMMENT REPORT

Attention:

J. Kessner MSIN: H9-02

Group #:

20040440

Client ID Sample #

W04I001431 J016K8

Lab Area

Test

Comment

VALGROUP

LOGSAMP

Results have not been corrected for lab or field blanks unless otherwise noted in the

Analytical Comment Report.

Validated 4/12/04 by SD Bolling, IH Technical Manager.

SAMPLES ACCEPTABLE FOR RECEIPT. REC'D BY K BEEBE AND LOGGED

BY MK GRANT 3/17/04.

MEDIA: 0.8um 25 MM MCE FILTERS

Lab Areas:

VALGROUP - Group Validation LOGSAMP - Login for Sample

VALTEST - Test Validation

LOGTEST - Login for Tests

TESTDATA - Test Data Entry

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Report#: 20040440

Report Date: 12-apr-2004

20040440

Bechtel Hanford, Inc. Collector: Mark Cranston Payroll #: 73450		Company Col Henry W. Ru						Project Coordinator Joan H. Kessner			Data Turnaround		
		A CONTRACTOR OF THE PARTY OF TH			SPECIAL INSTRUCTIONS All relevant COAs must be provided:				SAF No. B00-004; B00-005			24 Ar	
Type of Sample:	e 9	■ 6 N N N N	100 Area // 190 DR AN.		77B315Y530 ANALYSIS METHOD (SPECIFIC): NIOSH 7400 (Asbestos)				Method of Shipment Hand delivery Bill of Lading/Air Bill No.			,	
POSSIBLE SAMPLE I A S b e S 7 Special Handling an		MATR A - AIR WI - WIPI X - OTH	Pres	ervation (ie., cooling required, etc.)	No	Мо	==						
		SAMPLE ANALYS	SIS	t Comments	Asbestos Airborne	Lead Airborne	3						-
SAMPLENO. J 0/6 K8	MATRIX TIES	3-16-04	Blank	Blank	X		3-76.09						
J016 K 9	· A	3-16-04	Blank	Blank	X								
J016L0	A	3-16-04	7/6	Area	X								
5016 LI	14	3-16-04	793	Area	X	-							
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		SIGN / PI	RINT NAMES /	USE MILITARY TIM	E		
Relinquished By/Stored:		DATE/TIME	STOP 22 COMMENT OF STORY OF SHORT SHOTT SHORT SH	Received By/Stored:	A Wall	DATE / TIME	
Mark Canston	Mark Ganston	3-16-04	1820	MO 425 /426	Locked Room	m = 4 3-16-09	/ /820
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Religioshed By/Stored:	an of Nielson	1. 11001	0825	Received By/Stored:	Date	B/17/OU	0825
Relinquished By/Stored:	1 Booker		£ 55	Received By/Stored:	MKGent	3-17-04	0355°
Relinquished By/Stored:		DATE / TIME		Received By/Stored:	maining filter	stored at WSCF	fiber
Relinquished By/Stored:		DATE / TIME		Received By/Stored: CC	ount lab for at discard	least 3 months, led at trash.	then
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Relinquished By/Stored:		DATE/TIME		Received By/Stored:		DATE / TIME	
LABORATORY SECTION	Received By MChart M	Tile 3-	17-04	0355			DATE / TIME
REVIEWED BY:		PRINT/SIGN NAME				DATE:	